

Title (en)  
METHOD FOR MANUFACTURING A PYRIPYROPENE

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES PYRIPYROPENS

Title (fr)  
PROCÉDÉ DE FABRICATION DE PYRIPYROPÈNE

Publication  
**EP 2530164 B1 20170809 (EN)**

Application  
**EP 11736899 A 20110119**

Priority  
• JP 2010014727 A 20100126  
• JP 2011050851 W 20110119

Abstract (en)  
[origin: EP2530164A1] There is provided a method for culturing a microorganism in which a particular polynucleotide or a recombinant vector comprising it/them is introduced with an intermediate compound necessary for biosynthesis of pyripyropene A. The method of the present invention allows for the production of pyripyropene.

IPC 8 full level  
**C12P 17/18** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01)

CPC (source: EP KR RU US)  
**C12N 9/0071** (2013.01 - EP RU US); **C12N 9/1025** (2013.01 - EP RU US); **C12N 9/1029** (2013.01 - EP RU US);  
**C12N 9/88** (2013.01 - EP RU US); **C12N 9/93** (2013.01 - EP RU US); **C12N 15/52** (2013.01 - EP RU US); **C12N 15/63** (2013.01 - KR);  
**C12P 17/18** (2013.01 - KR); **C12P 17/181** (2013.01 - EP RU US); **C12P 17/182** (2013.01 - KR); **C12Y 114/13008** (2013.01 - EP RU US);  
**C12Y 114/14001** (2013.01 - EP RU US); **C12Y 203/00** (2013.01 - EP RU US); **C12Y 203/01** (2013.01 - EP RU US);  
**C12Y 205/01** (2013.01 - EP RU US); **C12Y 406/01** (2013.01 - EP RU US); **C12Y 602/01** (2013.01 - EP RU US); **C12R 2001/69** (2021.05 - KR)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2530164 A1 20121205; EP 2530164 A4 20131225; EP 2530164 B1 20170809;** AU 2011210967 A1 20120906; AU 2011210967 A2 20130110;  
AU 2011210967 B2 20160623; BR 112012019456 A2 20151006; BR 112012019456 B1 20210622; BR 112012019456 B8 20220802;  
BR 122021004512 B1 20210817; BR 122021004512 B8 20221213; CA 2788058 A1 20110804; CA 2788058 C 20180417;  
CN 102762737 A 20121031; CN 102762737 B 20160504; CN 104017839 A 20140903; CN 104017839 B 20170118; CN 104531726 A 20150422;  
CN 104531726 B 20171010; DK 2530164 T3 20171016; ES 2645980 T3 20171211; IL 221128 A0 20120924; IL 221128 A 20170629;  
JP 5898960 B2 20160406; JP WO2011093185 A1 20130606; KR 101840483 B1 20180504; KR 20120120287 A 20121101;  
MX 2012008637 A 20120907; MX 341935 B 20160908; NZ 601950 A 20150227; PL 2530164 T3 20180131; RU 2012136449 A 20140310;  
RU 2587632 C2 20160620; TW 201139680 A 20111116; TW I633190 B 20180821; US 2013023017 A1 20130124; US 9169504 B2 20151027;  
WO 2011093185 A1 20110804

DOCDB simple family (application)  
**EP 11736899 A 20110119;** AU 2011210967 A 20110119; BR 112012019456 A 20110119; BR 122021004512 A 20110119;  
CA 2788058 A 20110119; CN 201180007262 A 20110119; CN 201410218973 A 20110119; CN 201410816565 A 20110119;  
DK 11736899 T 20110119; ES 11736899 T 20110119; IL 22112812 A 20120726; JP 2011050851 W 20110119; JP 2011551815 A 20110119;  
KR 20127020668 A 20110119; MX 2012008637 A 20110119; NZ 60195011 A 20110119; PL 11736899 T 20110119;  
RU 2012136449 A 20110119; TW 100102060 A 20110119; US 201113575159 A 20110119